WEST Search History

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DATE: Wednesday, August 11, 2004

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		DB=USPT; PLUR=YES; OP=ADJ	
☐	L27	L26 and l17	0
☐	L26	(activity near2 instance) and l21	17
☐	L25	(run time and runtime) and L24	0
☐	L24	L15 and 725/$$.ccls.	33
☐	L23	L21 and 725/$$.ccls.	1
☐	L22	L21 and l7 and 705/1$$.ccls.	1
☐	L21	l6 and L20	58
☐	L20	l3 and L19	71
☐	L19	l2 and L18	412
☐	L18	L7 and l15	412
☐	L17	l1 and L16	0
☐	L16	l5 and L15	10
☐	L15	(customiz$4 or modif$4 or chang$4) same instance$ same creat$4	6108
☐	L14	l6 and L13	10
☐	L13	business and L12	29
☐	L12	l4 and L11	33
☐	L11	705/1$$.ccls. and l2	252
☐	L10	705/1$$.ccls. and l1	11
☐	L9	705/a$$.ccls. and l1	0
☐	L8	705/a$$.ccls. and l4	0
☐	L7	709/2$$.ccls.	15842
☐	L6	client and server and network	21532
☐	L5	evb or enterprise java bean$	203
☐	L4	(Determin$ or locat$$) same behavior$	29500
☐	L3	(Determin$ or loacat$$) same behavior$	24193
☐	L2	(customiz$4 or modif$4 or chang$4) same instance$	115556
☐	L1	(life cycle$ or lifecycle$ or life-cycle$) same (activi$ or movit$4)	717

END OF SEARCH HISTORY

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Term	Documents
725/$$	0
725/1	131
725/10	33
725/100	100
725/101	38
725/102	22
725/103	28
725/104	140
725/105	141
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There are more results than shown above. Click here to view the entire set.

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h e b b g e e e f e c e ef b e

L16: Entry 2 of 10 File: USPT Jun 22, 2004

DOCUMENT-IDENTIFIER: US 6754659 B2
TITLE: Method for running existing java beans in an enterprise java bean environment

Abstract Text (1):
A method and system for running application code originally developed as simple Java Beans, in an Enterprise Java Bean (EJB) environment, without modifying the original application code is described. This is accomplished by running one or more original Java beans in an EJB environment based on control from an external program, using at least the steps of defining a single generic EJB and installing the single generic EJB in an EJB container; generating EJB support code for each of the one or more original Java beans, and executing the EJB support code to drive the generic EJB to perform the functions of the one or more original Java beans in an EJB environment.

Brief Summary Text (13):
In connection with Sun Microsystems' delivery of the Java2 Enterprise Edition (J2EE) platform in December of 1999, a technology known as EJB (Enterprise Java Bean) technology was developed, and EJB support is the cornerstone of the J2EE platform. Despite its name, an EJB is not a Java bean; it is an industry standard architecture for running server-side business logic, providing additional benefits of locatability in a network, and scalability. Among other improvements, EJB technology reduces time to market for enterprise-class applications. J2EE and EJB's have received widespread industry support and growing customer acceptance and increased investment focus has been placed on EJB and J2EE technology by the industry. A problem exists, however, since many products, such as Host Publisher, are based on Java bean technology and will not readily function with EJB technology.

Brief Summary Text (17):
Another method of enabling a Java bean to run in an EJB environment is to, rather than rewriting and compiling the Java bean as an EJB, instead, write a new EJB for each Java bean which will, during operation, create an instance of the original, unmodified Java bean and drive the getters and setters and execution methods of the newly-created Java bean instance. While this has the advantage of not having to change the original Java bean (since it is used "as is" by the EJB), this is still a time-consuming process and has the same disadvantage of producing a potentially large number of unique EJBs, one per unique Java bean, which would not run efficiently in typical EJB containers.

Brief Summary Text (23):
The present invention provides a method for enabling the operation of object-oriented programs based on Java bean technology in an EJB environment. It is a method and system for running application code originally developed as simple Java beans, in an Enterprise Java Bean (EJB) environment, without modifying the original application code. This is accomplished by running one or more original Java beans in an EJB environment based on control from an external program, using at least the steps of defining a single generic EJB and installing the single generic EJB in an EJB container; generating EJB support code for each of the one or more original Java beans, and executing the EJB support code to drive the generic EJB to perform

the functions of the one or more original Java beans in the EJB environment

Brief Summary Text (25):
In a more preferred embodiment, the external program is modified so that for each of the original Java beans it was using, it drives the access bean instead of the original Java bean, and the execution step comprises at least the steps of: creating an access bean object (an instance of a class) and a properties object for the original Java bean; setting the input properties of the properties object; and invoking the execution method of the access bean; creating an instance of the generic EJB, calling the generic EJB's business method, and passing to it the properties object containing the input property values of the access bean which corresponds to the input property values of the original Java bean; the generic EJB creates the helper object corresponding to the original Java bean using Java reflection; passing to the helper object the properties object passed to the generic EJB's business method; and calling the main execution method of the helper object; the helper object executing the original Java bean which is an instance of its parent class by using the original Java bean's input properties from the corresponding properties object that was passed to it by the generic EJB; the helper object creating a second properties object after the Java bean execution is complete, the second properties object containing the original Java bean's output properties; passing the second properties object back to the generic EJB when the main execution method of the helper object completes; passing the second properties object from the generic EJB, to the corresponding access bean object when the EJB business method execution completes; and saving the second properties object and returning control to the external program.

Detailed Description Text (17):
Using the present invention, multiple instances of a single EJB can be used to accomplish the tasks of many Java beans, which is more efficient from a resource standpoint than utilizing multiple unique EJB's (e.g., one for each Java bean process), since the EJB container need only manage one EJB type instead of having to manage multiple unique EJB's. In addition, existing Java applications can be driven with minimal changes (they need to create the Access bean instead of the original Java bean), while still taking advantage of the locatability and scalability of the EJB execution environment. By using the properties object of the present invention to package all input and output properties, a more efficient process is available to pass input parameters and extract the results. Using a single EJB for each Java bean results in large numbers of getter and setter methods, each of which have to be individually called, possibly across a network at a high cost. Further, use of the helper object avoids the use of costly introspection during Java bean property setting and getting on the server.

CLAIMS:

3. A method as set forth in claim 2, wherein said external program is modified so that it drives said access bean class instead of said original access bean, and wherein said executing step comprises at least the steps of: creating an access bean object and a properties object for each of said one or more original Java beans using said modified external program; setting the input properties of each properties object; and invoking the execution method of each access bean object; creating, using the execution method of each access bean object, an instance of said generic EJB, calling said generic EJB's business method, and passing to it each properties object containing input property values corresponding to the input property values of each of said one or more original Java bean; creating, using the generic EJB's business method, and Java reflection, a helper object for each of said original Java beans; passing to each said helper object a corresponding properties object, each of said corresponding properties objects having input properties derived from a corresponding access bean; and calling said main execution method of said helper object; executing each said original Java bean using its corresponding helper object, by getting each original Java bean's input

properties from said corresponding properties object that was passed to it by said generic EJB; creating, for each original Java bean, a second properties object using said corresponding helper object, said second properties object containing the original Java bean's output properties; and passing each said second properties object to said generic EJB; passing each said second properties object from said generic EJB, to said corresponding access bean object; and saving each said second properties object and returning control to said external program.

6. A computer program product as set forth in claim 5, wherein said external program is modified so that it drives said access bean class instead of said original access bean, and wherein said computer-readable program code means for executing comprises at least: computer-readable program code means for creating an access bean object and a properties object for each of said one or more original Java beans using said modified external program; setting the input properties of each properties object; and invoking the execution method of each access bean object; computer-readable program code means for creating, using the execution method of each access bean object, an instance of said generic EJB, calling said generic EJB's business method, and passing to it each properties object containing input property values corresponding to the input property values of each of said one or more original Java bean; computer-readable program code means for creating, using the generic EJB's business method, and Java reflection, a helper object for each of said original Java beans; passing to each said helper object a corresponding properties object, each of said corresponding properties objects having input properties derived from a corresponding access bean; and calling said main execution method of said helper object; computer-readable program code means for executing each said original Java bean using its corresponding helper object, by getting each original Java bean's input properties from said corresponding properties object that was passed to it by said generic EJB; computer-readable program code means for creating, for each original Java bean, a second properties object using said corresponding helper object, said second properties object containing the original Java bean's output properties; and passing each said second properties object to said generic EJB; computer-readable program code means for passing each said second properties object from said generic EJB, to said corresponding access bean object; and computer-readable program code means for saving each said second properties object and returning control to said external program.

9. A system as set forth in claim 8, wherein said external program is modified so that it drives said access bean class instead of said original access bean, and wherein said executing means comprises: means for creating an access bean object and a properties object for each of said one or more original Java beans using said modified external program; setting the input properties of each properties object; and invoking the execution method of each access bean object; means for creating, using the execution method of each access bean object, an instance of said generic EJB, calling said generic EJB's business method, and passing to it each properties object containing input property values corresponding to the input property values of each of said one or more original Java bean; means for creating, using the generic EJB's business method, and Java reflection, a helper object for each of said original Java beans; passing to each said helper object a corresponding properties object, each of said corresponding properties objects having input properties derived from a corresponding access bean; and calling said main execution method of said helper object; means for executing each said original Java bean using its corresponding helper object, by getting each original Java bean's input properties from said corresponding properties object that was passed to it by said generic EJB; means for creating, for each original Java bean, a second properties object using said corresponding helper object, said second properties object containing the original Java bean's output properties; and passing each said second properties object to said generic EJB; means for passing each said second properties object from said generic EJB, to said corresponding access bean object; and means for saving each said second properties object and returning control to

said external program.

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Search Results - Record(s) 1 through 10 of 10 returned.

☐ 1. Document ID: US 6775824 B1

L16: Entry 1 of 10 File: USPT Aug 10, 2004

US-PAT-NO: 6775824
DOCUMENT-IDENTIFIER: US 6775824 B1

TITLE: Method and system for software object testing

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 2. Document ID: US 6754659 B2

L16: Entry 2 of 10 File: USPT Jun 22, 2004

US-PAT-NO: 6754659
DOCUMENT-IDENTIFIER: US 6754659 B2

TITLE: Method for running existing java beans in an enterprise java bean environment

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 3. Document ID: US 6748570 B1

L16: Entry 3 of 10 File: USPT Jun 8, 2004

US-PAT-NO: 6748570
DOCUMENT-IDENTIFIER: US 6748570 B1

TITLE: Sending a view event, and a request event having a class name and a method name

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 4. Document ID: US 6745208 B2

L16: Entry 4 of 10 File: USPT Jun 1, 2004

US-PAT-NO: 6745208
DOCUMENT-IDENTIFIER: US 6745208 B2

TITLE: Method and apparatus for synchronizing an XML document with its object model

☐ 5. Document ID: US 6728750 B1

L16: Entry 5 of 10 File: USPT Apr 27, 2004

US-PAT-NO: 6728750
DOCUMENT-IDENTIFIER: US 6728750 B1

TITLE: Distributed application assembly

☐ 6. Document ID: US 6718331 B2

L16: Entry 6 of 10 File: USPT Apr 6, 2004

US-PAT-NO: 6718331
DOCUMENT-IDENTIFIER: US 6718331 B2

TITLE: Method and apparatus for locating inter-enterprise resources using text-based strings

☐ 7. Document ID: US 6675228 B1

L16: Entry 7 of 10 File: USPT Jan 6, 2004

US-PAT-NO: 6675228
DOCUMENT-IDENTIFIER: US 6675228 B1

TITLE: Method and apparatus in a data processing system for generating alternative views of client applications

☐ 8. Document ID: US 6654932 B1

L16: Entry 8 of 10 File: USPT Nov 25, 2003

US-PAT-NO: 6654932
DOCUMENT-IDENTIFIER: US 6654932 B1

TITLE: Validating data within container objects handled by view controllers

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Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 9. Document ID: US 6597366 B1

L16: Entry 9 of 10 File: USPT Jul 22, 2003

US-PAT-NO: 6597366
DOCUMENT-IDENTIFIER: US 6597366 B1

TITLE: Transparent general purpose object isolation for multi-tier distributed object environments

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

☐ 10. Document ID: US 6292933 B1

L16: Entry 10 of 10 File: USPT Sep 18, 2001

US-PAT-NO: 6292933
DOCUMENT-IDENTIFIER: US 6292933 B1
** See image for Certificate of Correction **

TITLE: Method and apparatus in a data processing system for systematically serializing complex data structures

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Term	Documents
(5 AND 15).USPT.	10
(L5 AND L15).USPT.	10

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L22: Entry 1 of 1 File: USPT Jul 6, 2004

US-PAT-NO: 6760916
DOCUMENT-IDENTIFIER: US 6760916 B2

TITLE: Method, system and computer program product for producing and distributing enhanced media downstreams

DATE-ISSUED: July 6, 2004

INT-CL: [07] H04 N 7/10, H04 N 7/025

US-CL-ISSUED: 725/34; 725/1, 725/36, 725/42, 725/91, 705/10, 345/721, 345/722, 345/723, 709/217, 709/219
US-CL-CURRENT: 725/34; 345/721, 345/722, 345/723, 705/10, 709/217, 709/219, 725/1, 725/36, 725/42, 725/91

FIELD-OF-SEARCH: 725/32, 725/34-36, 725/42, 725/1, 725/93, 725/91, 725/115, 725/114, 725/116, 705/10, 345/721-723, 709/217, 709/219

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Search Results - Record(s) 1 through 33 of 33 returned.

☐ 1. Document ID: US 6760918 B2

L24: Entry 1 of 33 File: USPT Jul 6, 2004

US-PAT-NO: 6760918
DOCUMENT-IDENTIFIER: US 6760918 B2

TITLE: Method and apparatus for recordable media content distribution

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw De

☐ 2. Document ID: US 6760916 B2

L24: Entry 2 of 33 File: USPT Jul 6, 2004

US-PAT-NO: 6760916
DOCUMENT-IDENTIFIER: US 6760916 B2

TITLE: Method, system and computer program product for producing and distributing enhanced media downstreams

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw De

☐ 3. Document ID: US 6748421 B1

L24: Entry 3 of 33 File: USPT Jun 8, 2004

US-PAT-NO: 6748421
DOCUMENT-IDENTIFIER: US 6748421 B1

TITLE: Method and system for conveying video messages

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw De

☐ 4. Document ID: US 6738978 B1

L24: Entry 4 of 33 File: USPT May 18, 2004

US-PAT-NO: 6738978
DOCUMENT-IDENTIFIER: US 6738978 B1

h e b b g e e e f e c e ef b e

TITLE: Method and apparatus for targeted advertising

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. De

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☐ 5. Document ID: US 6675387 B1

L24: Entry 5 of 33 File: USPT Jan 6, 2004

US-PAT-NO: 6675387
DOCUMENT-IDENTIFIER: US 6675387 B1

TITLE: System and methods for preparing multimedia data using digital video data compression

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. De

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☐ 6. Document ID: US 6557173 B1

L24: Entry 6 of 33 File: USPT Apr 29, 2003

US-PAT-NO: 6557173
DOCUMENT-IDENTIFIER: US 6557173 B1

TITLE: Portable electronic book viewer

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. De

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☐ 7. Document ID: US 6539548 B1

L24: Entry 7 of 33 File: USPT Mar 25, 2003

US-PAT-NO: 6539548
DOCUMENT-IDENTIFIER: US 6539548 B1

TITLE: Operations center for a television program packaging and delivery system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. De

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☐ 8. Document ID: US 6515680 B1

L24: Entry 8 of 33 File: USPT Feb 4, 2003

US-PAT-NO: 6515680
DOCUMENT-IDENTIFIER: US 6515680 B1

TITLE: Set top terminal for television delivery system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. De

h e b b g e e e f e c e ef b e

☐ 9. Document ID: US 6463585 B1

L24: Entry 9 of 33 File: USPT Oct 8, 2002

US-PAT-NO: 6463585
DOCUMENT-IDENTIFIER: US 6463585 B1

TITLE: Targeted advertisement using television delivery systems

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 10. Document ID: US 6408437 B1

L24: Entry 10 of 33 File: USPT Jun 18, 2002

US-PAT-NO: 6408437
DOCUMENT-IDENTIFIER: US 6408437 B1

TITLE: Reprogrammable terminal for suggesting programs offered on a television program delivery system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 11. Document ID: US 6362856 B1

L24: Entry 11 of 33 File: USPT Mar 26, 2002

US-PAT-NO: 6362856
DOCUMENT-IDENTIFIER: US 6362856 B1

TITLE: Play to air control workstation system in a distributed object television broadcast studio

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 12. Document ID: US 6340997 B1

L24: Entry 12 of 33 File: USPT Jan 22, 2002

US-PAT-NO: 6340997
DOCUMENT-IDENTIFIER: US 6340997 B1

TITLE: Worldwide television tuning system with object-based tuning control modules

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 13. Document ID: US 6292187 B1

L24: Entry 13 of 33 File: USPT Sep 18, 2001

h e b b g e e e f e c e ef b e

US-PAT-NO: 6292187
DOCUMENT-IDENTIFIER: US 6292187 B1

TITLE: Method and system for modifying the visual presentation and response to user action of a broadcast application's user interface

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWIC | Draw De

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☐ 14. Document ID: US 6243865 B1

L24: Entry 14 of 33 File: USPT Jun 5, 2001

US-PAT-NO: 6243865
DOCUMENT-IDENTIFIER: US 6243865 B1

TITLE: Method of relaying digital video & audio data via a communication media

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWIC | Draw De

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☐ 15. Document ID: US 6181335 B1

L24: Entry 15 of 33 File: USPT Jan 30, 2001

US-PAT-NO: 6181335
DOCUMENT-IDENTIFIER: US 6181335 B1
** See image for Certificate of Correction **

TITLE: Card for a set top terminal

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWIC | Draw De

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☐ 16. Document ID: US 6160989 A

L24: Entry 16 of 33 File: USPT Dec 12, 2000

US-PAT-NO: 6160989
DOCUMENT-IDENTIFIER: US 6160989 A
** See image for Certificate of Correction **

TITLE: Network controller for cable television delivery systems

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWIC | Draw De

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☐ 17. Document ID: US 6088722 A

L24: Entry 17 of 33 File: USPT Jul 11, 2000

US-PAT-NO: 6088722
DOCUMENT-IDENTIFIER: US 6088722 A
** See image for Certificate of Correction **

h e b b g e e e f e c e ef b e

TITLE: System and method for scheduling broadcast of and access to video programs and other data using customer profiles

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw De

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☐ 18. Document ID: US 6052554 A

L24: Entry 18 of 33 File: USPT Apr 18, 2000

US-PAT-NO: 6052554
DOCUMENT-IDENTIFIER: US 6052554 A

TITLE: Television program delivery system

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw De

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☐ 19. Document ID: US 6020883 A

L24: Entry 19 of 33 File: USPT Feb 1, 2000

US-PAT-NO: 6020883
DOCUMENT-IDENTIFIER: US 6020883 A
**** See image for Certificate of Correction ****

TITLE: System and method for scheduling broadcast of and access to video programs and other data using customer profiles

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw De

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☐ 20. Document ID: US 5990927 A

L24: Entry 20 of 33 File: USPT Nov 23, 1999

US-PAT-NO: 5990927
DOCUMENT-IDENTIFIER: US 5990927 A
**** See image for Certificate of Correction ****

TITLE: Advanced set top terminal for cable television delivery systems

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWMC | Draw De

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☐ 21. Document ID: US 5798785 A

L24: Entry 21 of 33 File: USPT Aug 25, 1998

US-PAT-NO: 5798785
DOCUMENT-IDENTIFIER: US 5798785 A

TITLE: Terminal for suggesting programs offered on a television program delivery system

h e b b g e e e f e c e ef b e

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWIC | Draw De

☐ 22. Document ID: US 5758257 A

L24: Entry 22 of 33 File: USPT May 26, 1998

US-PAT-NO: 5758257
DOCUMENT-IDENTIFIER: US 5758257 A

TITLE: System and method for scheduling broadcast of and access to video programs and other data using customer profiles

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWIC | Draw De

☐ 23. Document ID: US 5734853 A

L24: Entry 23 of 33 File: USPT Mar 31, 1998

US-PAT-NO: 5734853
DOCUMENT-IDENTIFIER: US 5734853 A
**** See image for Certificate of Correction ****

TITLE: Set top terminal for cable television delivery systems

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWIC | Draw De

☐ 24. Document ID: US 5721829 A

L24: Entry 24 of 33 File: USPT Feb 24, 1998

US-PAT-NO: 5721829
DOCUMENT-IDENTIFIER: US 5721829 A

TITLE: System for automatic pause/resume of content delivered on a channel in response to switching to and from that channel and resuming so that a portion of the content is repeated

Full | Title | Citation | Front | Review | Classification | Date | Reference | ... | Claims | KWIC | Draw De

☐ 25. Document ID: US 5659350 A

L24: Entry 25 of 33 File: USPT Aug 19, 1997

US-PAT-NO: 5659350
DOCUMENT-IDENTIFIER: US 5659350 A
**** See image for Certificate of Correction ****

TITLE: Operations center for a television program packaging and delivery system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 26. Document ID: US 5600364 A

L24: Entry 26 of 33 File: USPT Feb 4, 1997

US-PAT-NO: 5600364
DOCUMENT-IDENTIFIER: US 5600364 A

TITLE: Network controller for cable television delivery systems

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 27. Document ID: US 5559549 A

L24: Entry 27 of 33 File: USPT Sep 24, 1996

US-PAT-NO: 5559549
DOCUMENT-IDENTIFIER: US 5559549 A

TITLE: Television program delivery system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 28. Document ID: US 5557724 A

L24: Entry 28 of 33 File: USPT Sep 17, 1996

US-PAT-NO: 5557724
DOCUMENT-IDENTIFIER: US 5557724 A
**** See image for Certificate of Correction ****

TITLE: User interface, method, and apparatus selecting and playing channels having video, audio, and/or text streams

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 29. Document ID: US RE34340 E

L24: Entry 29 of 33 File: USPT Aug 10, 1993

US-PAT-NO: RE34340
DOCUMENT-IDENTIFIER: US RE34340 E

TITLE: Closed circuit television system having seamless interactive television programming and expandable user participation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

h e b b g e e e f e c e ef b e

☐ 30. Document ID: US 4918516 A

L24: Entry 30 of 33 File: USPT Apr 17, 1990

US-PAT-NO: 4918516
DOCUMENT-IDENTIFIER: US 4918516 A

TITLE: Closed circuit television system having seamless interactive television programming and expandable user participation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 31. Document ID: US 4602279 A

L24: Entry 31 of 33 File: USPT Jul 22, 1986

US-PAT-NO: 4602279
DOCUMENT-IDENTIFIER: US 4602279 A

TITLE: Method for providing targeted profile interactive CATV displays

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 32. Document ID: US 4573072 A

L24: Entry 32 of 33 File: USPT Feb 25, 1986

US-PAT-NO: 4573072
DOCUMENT-IDENTIFIER: US 4573072 A

TITLE: Method for expanding interactive CATV displayable choices for a given channel capacity

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 33. Document ID: US 3882269 A

L24: Entry 33 of 33 File: USPT May 6, 1975

US-PAT-NO: 3882269
DOCUMENT-IDENTIFIER: US 3882269 A

TITLE: Apparatus, system and method of storing a static image displayed on a television tube

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

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